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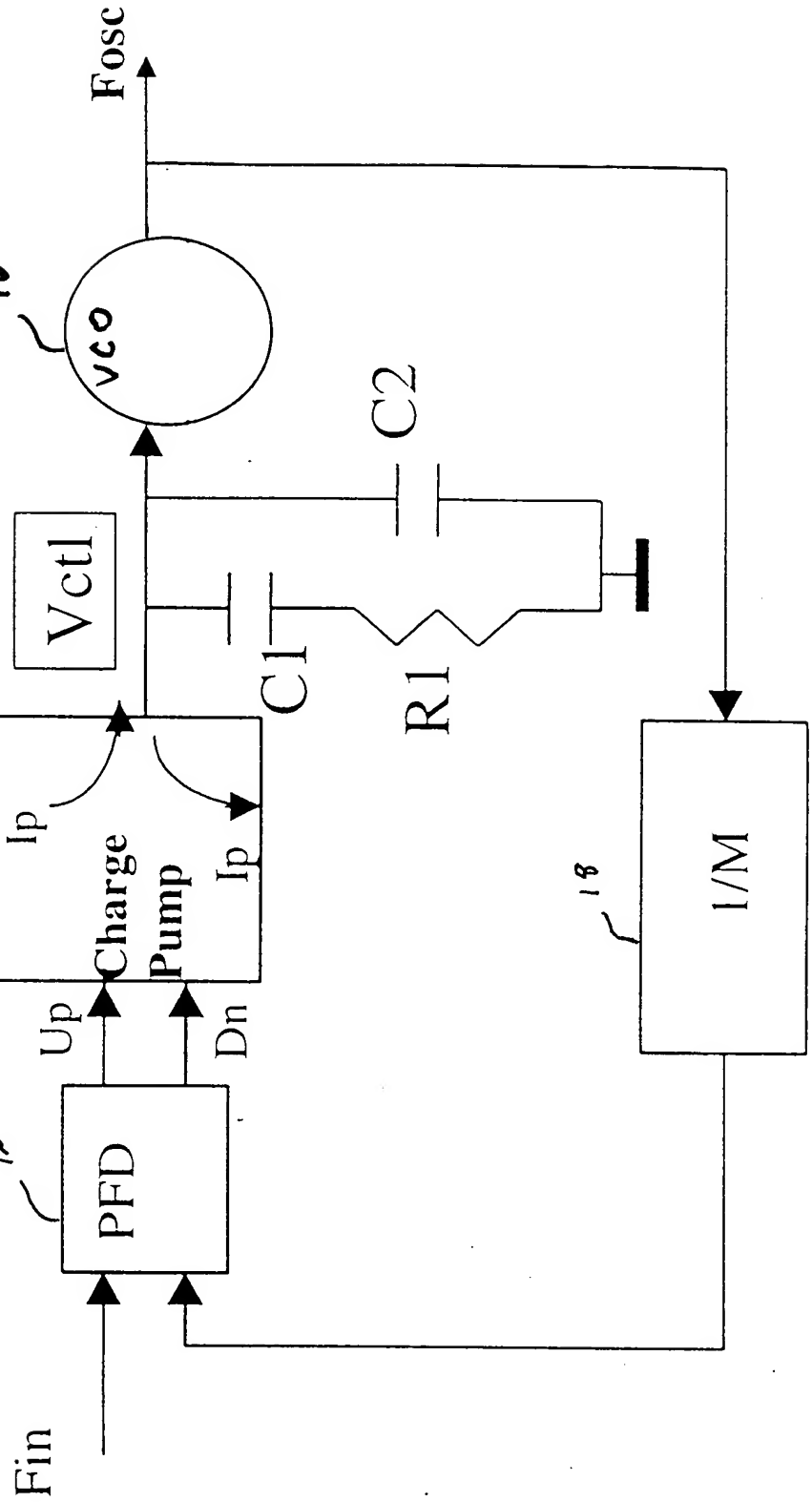

Figure 1. Charge-Pump PLL (PRIOR ART)

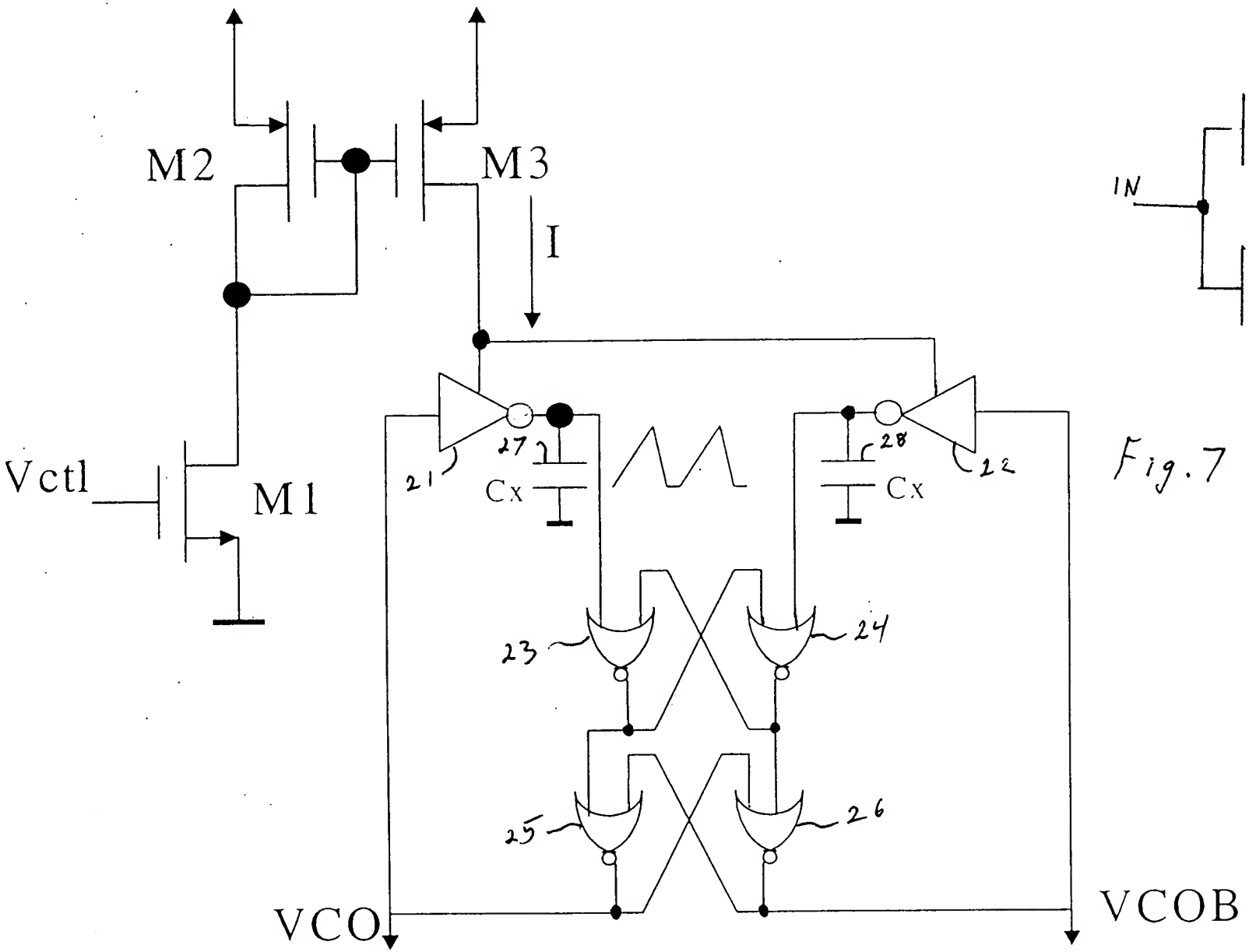

Figure 2. Differential Relaxation VCO

(PRIOR ART)

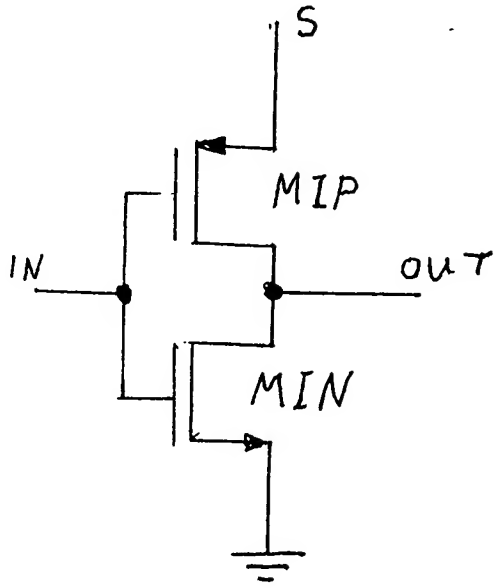

Fig. 7 (PRIOR ART)

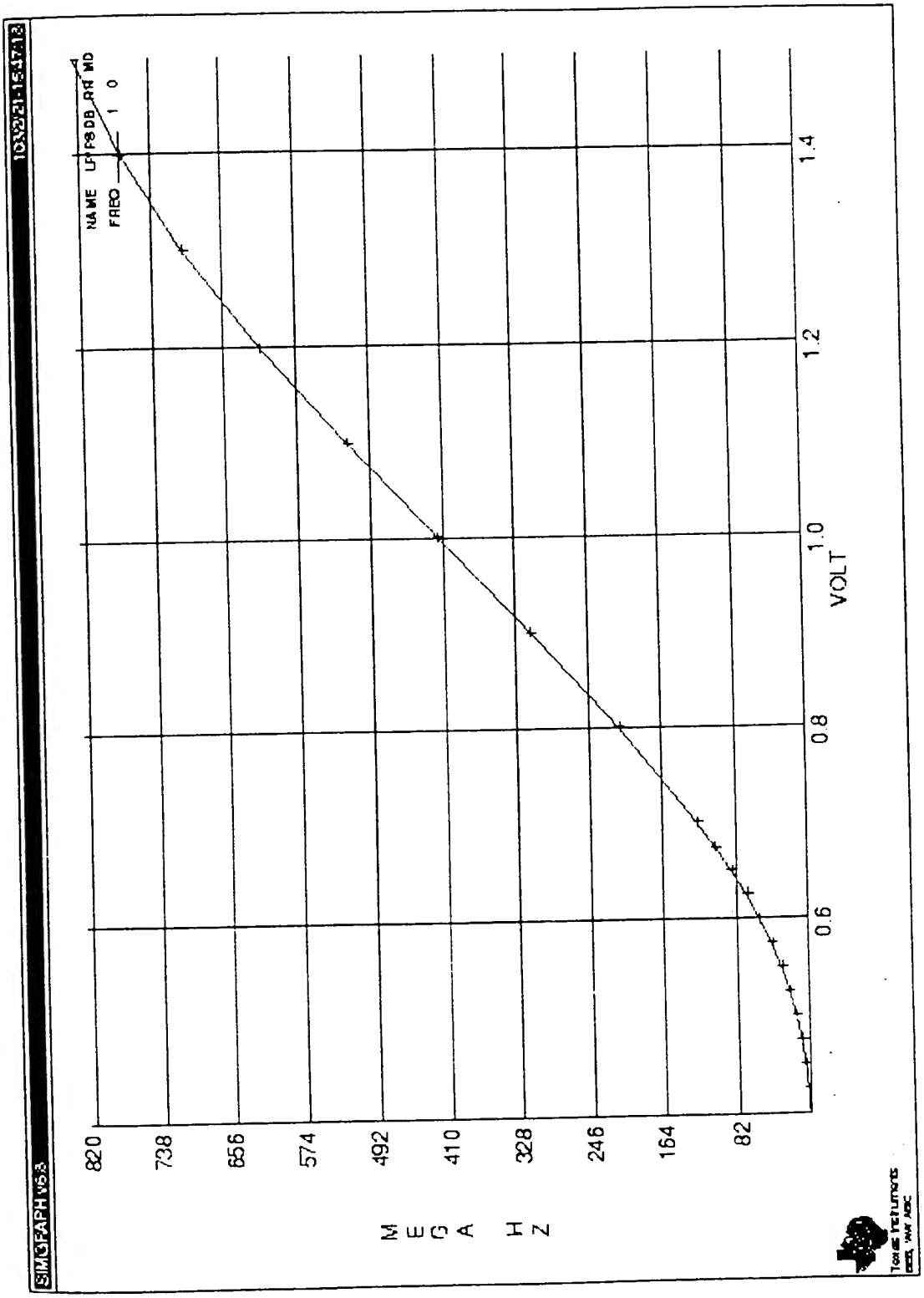

Figure 3. VCO gain curve. (X-axis is the Vctl, Y-axis is the VCO frequency Fosc)

(PRIOR ART)

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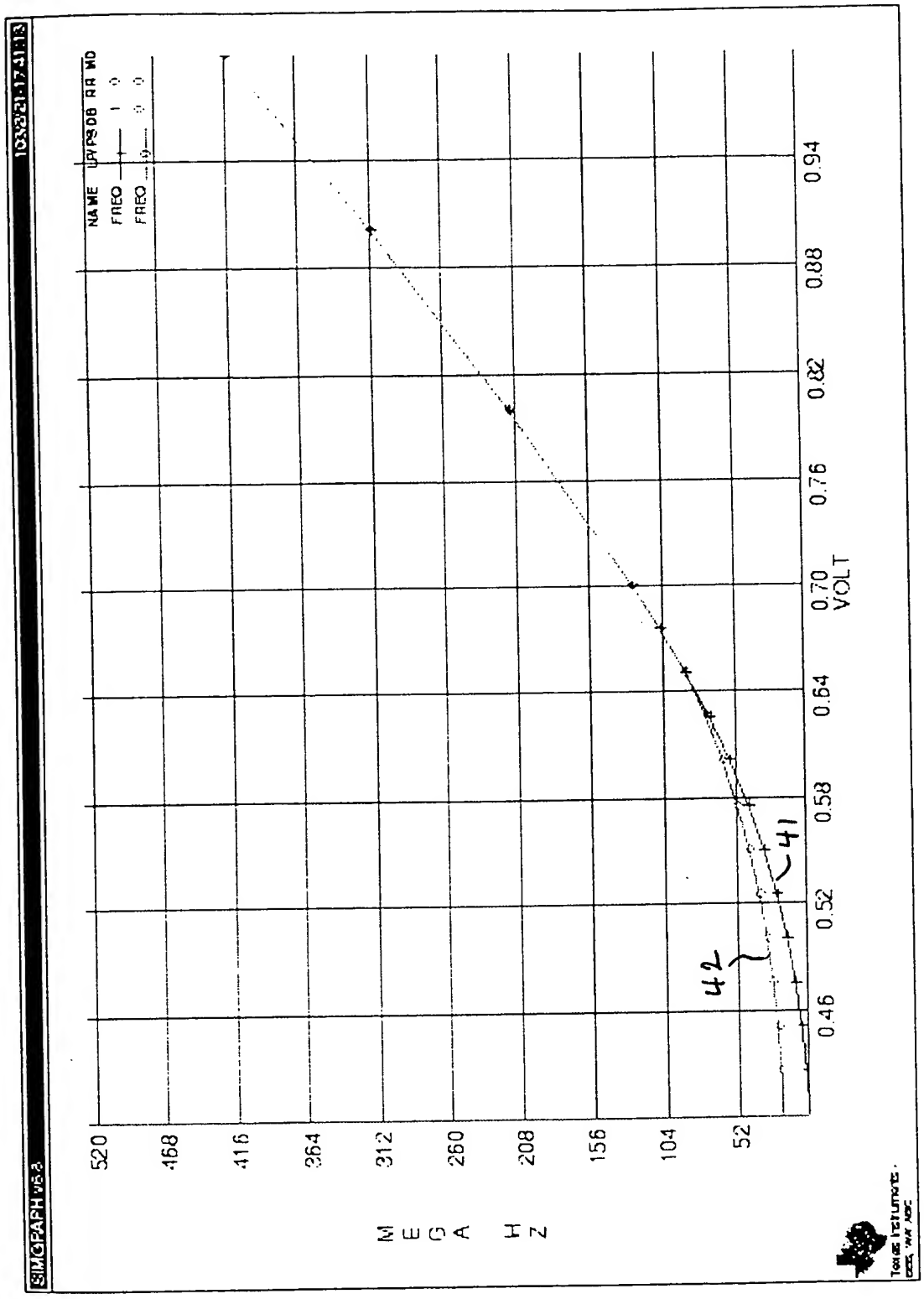

Figure 4. Idea to change VCO gain at low frequencies.

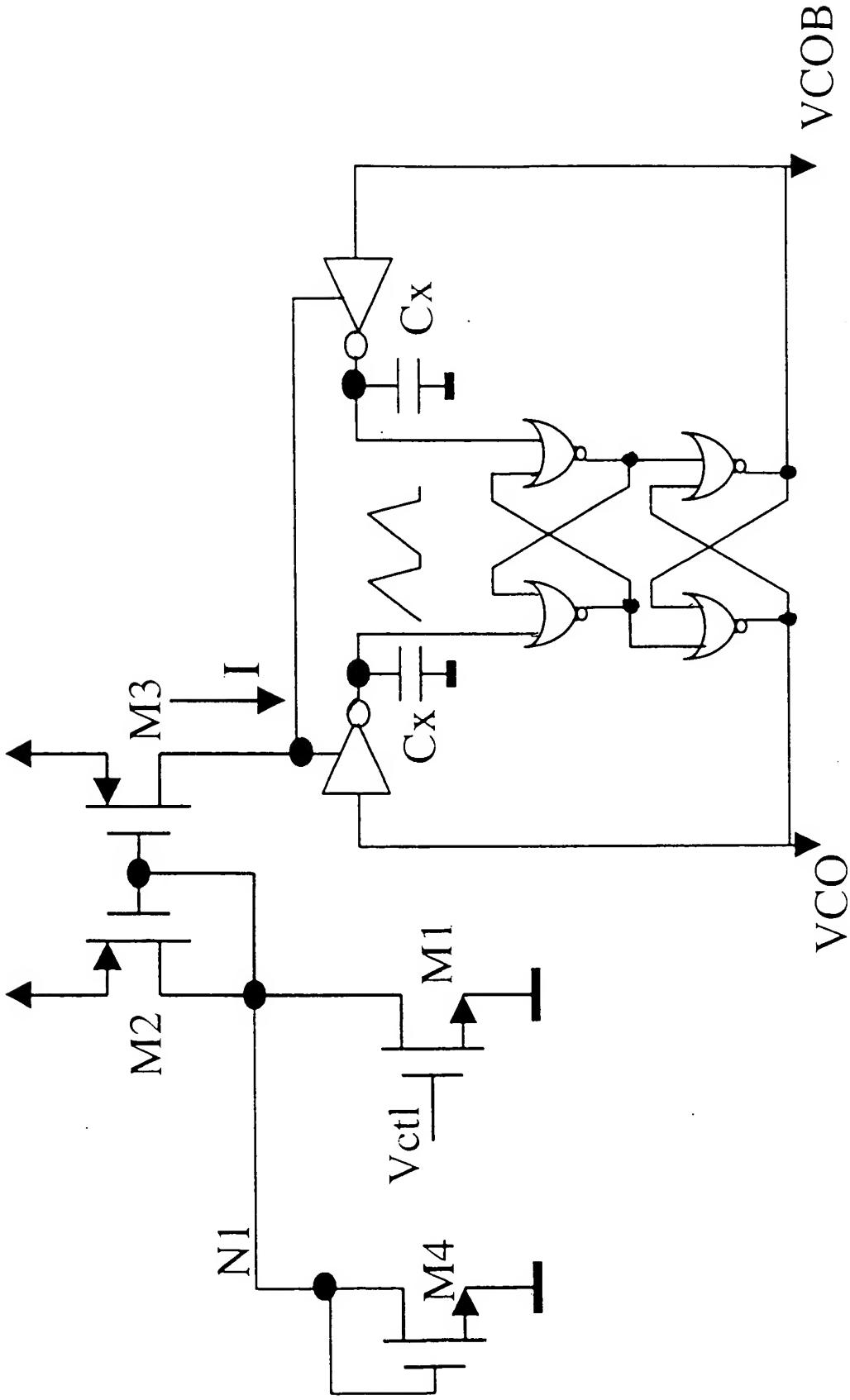

Figure 5. Diode-Connected MOS to Reduce VCO Gain at Low Frequency

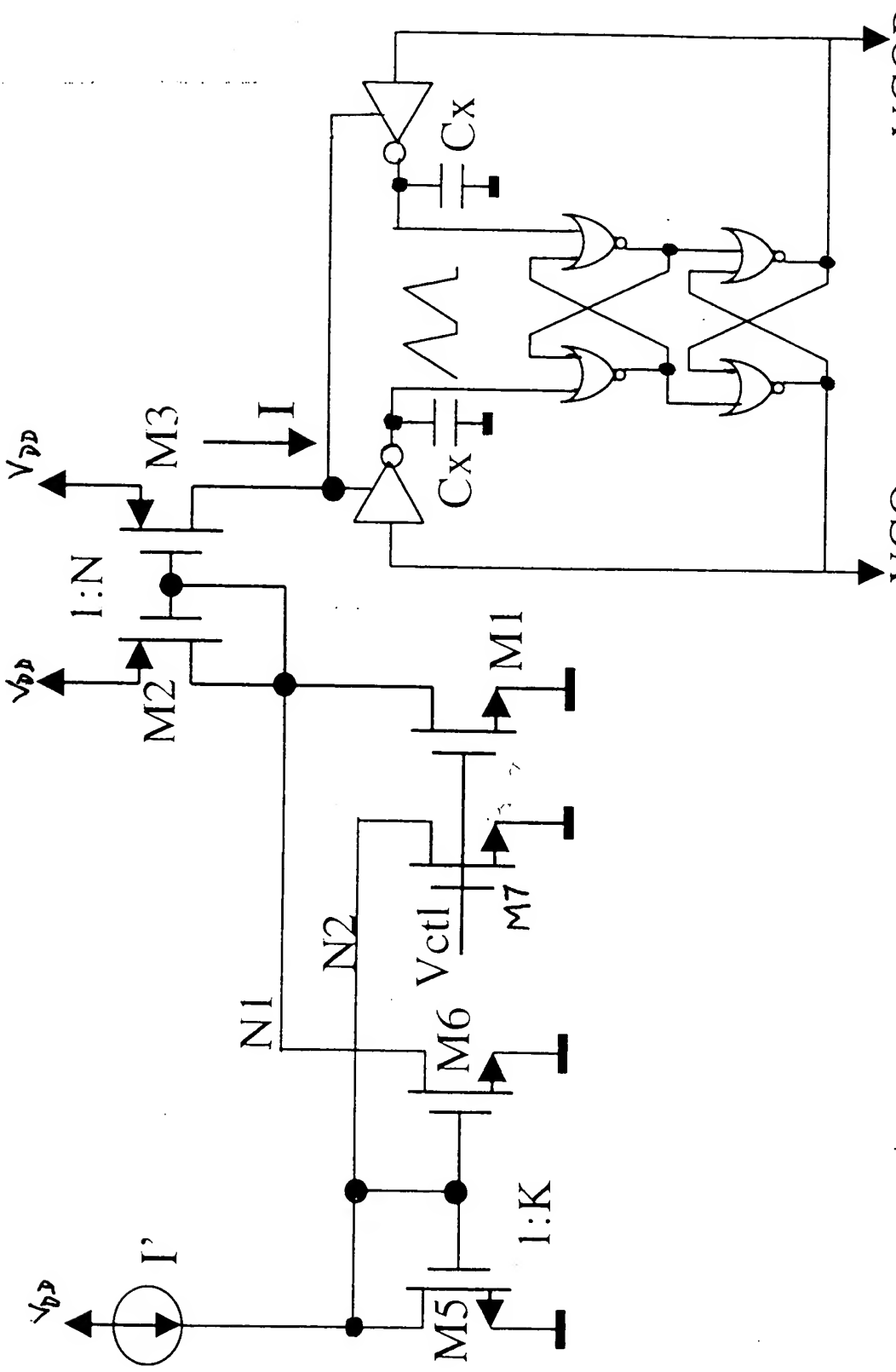

Figure 6. Current Injection to Reduce VCO Gain at Low Frequency